

## Message Text

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PAGE 01 STATE 162274  
ORIGIN NSF-02

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APPROVED BY: EUR/SOV:MJWILKINSON  
HUD/SFI:DRFREEMAN  
HUD/SFI:CNRASSIAS  
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EUR/SOV:RWINDSOR

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FM SECSTATE WASHDC  
TO AMEMBASSY MOSCOW IMMEDIATE

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E.O. 11652: N/A

TAGS: TGEN, UR, US

SUBJECT: U.S.-U.S.S.R. HOUSING AGREEMENT--DRAFT REPORT  
OF WORKING GROUP 10.04

REF: STATE 135181; MOSCOW 9363

1. REQUEST EMBASSY TRANSMIT TO TERENTIEV OF GOSSTROY  
FOLLOWING DRAFT REPORT OF WORKING GROUP 10.04, "CONSTRUCTION  
IN SEISMIC AREAS." REPORTS FROM WORKING GROUP 10.02,  
INDUSTRIALIZED BUILDING SYSTEMS AND UTILITIES" AND 10.06,  
"NEW TOWNS," WILL FOLLOW. (U.S. AND SOVIET EXECUTIVE  
SECRETARIATS EARLIER AGREED TO EXCHANGE DRAFTS OF JOINT  
WORKING GROUP REPORTS IN PREPARATION FOR SEPTEMBER MEETING  
OF JOINT COMMITTEE IN MOSCOW.)

2. SOVIET SIDE WAS TO HAVE DRAFTED REPORTS FOR WORKING  
UNCLASSIFIED

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PAGE 02 STATE 162274

GROUPS 10.01, 10.03 AND 10.05. REQUEST EMBASSY FOLLOW-UP  
WITH TERENTIEV OR BORUNOV TO ENSURE THAT SOVIET DRAFTS ARE  
SENT ASAP.

3. "DRAFT REPORT, WORKING GROUP 10.04, 'CONSTRUCTION IN  
SEISMIC AREAS.'"

PART I: REVIEW

THE FIRST MEETING OF WORKING GROUP 10.04 WAS HELD IN WASHINGTON, D.C. MAY 26-JUNE 6, 1976. AT THE CONCLUSION OF THE MEETING CO-CHAIRMEN CHARLES C. THIEL, JR. AND SVIATOSLAV V. POLIAKOV SIGNED A PROTOCOL DEFINING TOPICS OF COOPERATION AND A SCHEDULE OF REGULAR AND RECIPROCAL EXCHANGES OF TECHNICAL EXPERTS AND DOCUMENTATION TO BE PURSUED OVER THE NEXT YEAR AND A HALF.

IN FULFILLMENT OF THE OBLIGATIONS AGREED TO IN THE PROTOCOL, THE U.S. SIDE HAS TRANSMITTED OVER 170 DOCUMENTS AND DESCRIPTIONS OF CURRENT RESEARCH WORK UNDERWAY IN U.S. UNIVERSITIES AND PRIVATE COMPANIES. THE SOVIET SIDE HAS TRANSMITTED NINE (9) DOCUMENTS, AND THE U.S. SIDE IS AWAITING DETAILS ON CURRENT SOVIET RESEARCH IN THE FIELD OF EARTHQUAKE ENGINEERING AND CONSTRUCTION. AS A RESULT OF THIS IMBALANCE IN DOCUMENTATION EXCHANGE, THEREFORE, RELUCTANTLY, THE U.S. SIDE HAS HAD TO POSTPONE ALL SCHEDULED PROJECT MEETINGS. THE U.S. SIDE BELIEVES THAT JOINT WORK CAN BE MUTUALLY BENEFICIAL ONLY WHEN EACH SIDE IS INFORMED OF THE LATEST RESEARCH AND ENGINEERING ACTIVITIES BEING CARRIED OUT BY THE OTHER SIDE.

PART II: PROPOSALS

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PAGE 03 STATE 162274

A. THE U.S. SIDE SUGGESTS A DISPLACEMENT BY ONE YEAR OF THE FOLLOWING PREVIOUSLY SCHEDULED PROJECT MEETINGS:

UNDER SUBJECT 1.0, "ELABORATION OF MEASURES TO IMPROVE EARTHQUAKE RESISTANT LOADS":

PROJECT 1.1, "BUILDINGS WITH LOAD BEARING WALLS FOR TYPICAL CONSTRUCTION (E.G., VARIOUS TYPES OF MASONRY AND LARGE ELEMENTS)": 1ST QUARTER 1978; 3RD QUARTER 1978;

PROJECT 1.2, "MEASURES FOR MITIGATING EARTHQUAKE IMPACT ON BUILDINGS, STRUCTURES AND THEIR ELEMENTS": 1ST QUARTER 1978;

PROJET1.3, "RESTORATION OF BUILDINGS AND STRUCTURES FOLLOWING EARTHQUAKES AND REINFORCING EXISTING BUILDINGS": 1ST QUARTER 1978.

UNDER SUBJECT 2.0, "DEVELOPMENT OF THEORY OF SEISMIC STABILITY AND SEISMOLOGICAL BASIS OF DESIGN OF EARTHQUAKE RESISTANT BUILDINGS AND STRUCTURES":

PROJECT 2.1, "THEORY OF SEISMIC STABILITY AND EXPERIMENTAL RESEARCH ON MODEL AND EXISTING STRUCTURES": 3RD QUARTER

1978; 2ND QUARTER 1979;

PROJECT 2.2, "BUILDING MOTION DATA AND INSTRUMENTATION ON RESPONSE": 3RD QUARTER 1978;

PROJECT 3.0, "EXCHANGE OF INFORMATION IN ALL TOPICS OF 10.04": THROUGHOUT 1977-1978.

THE SECOND MEETING OF THE WORKING GROUP: 2ND QUARTER 1978

B. AN INTERNATIONAL COOPERATIVE PROJECT INVOLVING A DENSE, UNCLASSIFIED

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PAGE 04 STATE 162274

3-D STRONG MOTION NETWORK WAS PROPOSED AT THE VI WORLD CONFERENCE ON EARTHQUAKE ENGINEERING IN NEW DELHI IN 1976. THE OBJECT OF THE PROJECT IS TO COLLECT DETAILED GROUND MOTION DATA OF GREAT EARTHQUAKE MOTION (M APPROXIMATELY 8.0) AT CLOSE DISTANCE. THE PROGRAM WILL PROBABLY LAST FROM THREE TO FIVE YEARS, WILL BE CONDUCTED ON AN INTERNATIONAL LEVEL, AND WILL INCLUDE SOME 20 NATIONS AND UNESCO. IT IS PROPOSED THAT THE 10.04 WORKING GROUP TAKE THE LEAD IN INITIATING, PLANNING AND IMPLEMENTING THIS PROJECT. A SPECIAL WORKSHOP IS BEING ORGANIZED BY THE INTERNATIONAL ASSOCIATION OF EARTHQUAKE STEERING COMMITTEE, SPONSORED BY THE NATIONAL SCIENCE FOUNDATION AND UNESCO, AND IS SCHEDULED TO TAKE PLACE IN THE SPRING OF 1978. SOVIET REPRESENTATIVES WILL BE INVITED TO ATTEND, AS WILL REPRESENTATIVES OF ALL INTERESTED NATIONS. THE PROJECT IS CONCEIVED AS AN INTERNATIONAL EFFORT BECAUSE ITS NATURE, SCOPE, AND THE ANTICIPATED LARGE BUDGET REQUIREMENTS CLEARLY REQUIRE INTERNATIONAL COOPERATION AND SUPPORT. THE PROJECT WILL MOST LIKELY BE CONDUCTED BY A RESEARCH TEAM ASSEMBLED BY SCIENTISTS AND ENGINEERS FROM ALL PARTICIPATING NATIONS. THE DATA AND INFORMATION WILL BE AVAILABLE TO ALL CONCERNED AND SHARED BY ALL PARTICIPATING PARTIES. SHOULD SUCH A PROJECT BE DEVELOPED, THE NATIONAL SCIENCE FOUNDATION, THE U.S. LEAD AGENCY FOR 10.04, IS WILLING TO GIVE HIGH PRIORITY CONSIDERATION TO FUNDING U.S. PARTICIPATION IN THE EFFORT.

C. THE U.S. SIDE HOPES THAT THE PROGRAM OF DOCUMENTATION EXCHANGE CALLED FOR IN THE 1976 PROTOCOL WILL BE CARRIED OUT IN FULL BY BOTH SIDES. IN ADDITION, THE U.S. SIDE REQUESTS THAT INFORMATION ON LABORATORIES AND RESEARCH INSTITUTES AND ORGANIZATIONS IN THE SOVIET UNION ASSOCIATED WITH EARTHQUAKE ENGINEERING SIMILAR TO THE INFORMATION ON U.S. LABORATORIES SUBMITTED BY U.S. SPECIALISTS BE SUPPLIED. UNCLASSIFIED

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PAGE 05 STATE 162274

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